| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|--------|--|---|---------------------|---------|------------------|
| S1 | 21788 | 438/6,10,104,107,108,109,110,111, 112,113,114,118,121,122,123,128, 129,135,142,145,149,151,157,176, 478,184,193,195,196,197,198,200, 201,202,203,206,207,209,210,211, 218,237,165,294,308,337,353,378, 401,410.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 08:38 |
| S2 | 182273 | "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 08:54 |
| S3 | 339107 | "257"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON - | 2006/03/13 08:54 |
| S4 | 241489 | "29"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 08:58 |
| S5 | 640085 | S2 or S3 or S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 08:58 |
| S6 | 0 | S5 and thermopile same detector and infared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:18 |
| S7 | 21 | S5 and thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:18 |
| S8 | 60 | thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:46 |

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|-----|----|--|---|----|-----|------------------|
| S9 | 30 | S8 and infrared same gas same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:46 |
| S10 | 24 | S9 and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:55 |
| S11 | 6 | (US-20050211555-\$ or US-20050170521-\$ or US-20030175160-\$).did. or (US-6037592-\$ or US-5962854-\$ or US-4816294-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 09:33 |
| S12 | 6 | S11 and process\$3 same (data or condition or parameter) and thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:46 |
| S13 | 6 | S11 and infrared same gas same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:47 |
| S14 | 3 | (US-20050211555-\$).did. or (US-5962854-\$ or US-4816294-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 09:55 |
| S15 | 3 | S14 and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 09:56 |
| S16 | 3 | S14 and process\$3 same (data or condition or parameter) and (control\$4 or computer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:02 |
| S17 | 2 | ("20040058488").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/13 10:02 |

| S18 | 2 | S17 and process same (system or condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 10:02 |
|-----|-----|---|---|----|------|------------------|
| S19 | 197 | thermopile same detector and infrared and semiconductor and process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:46 |
| S20 | 34 | S19 and infrared same gas same (thermopile or detect\$3) and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:48 |
| S21 | 10 | S20 xor S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 12:48 |
| S22 | 60 | thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 16:19 |
| S23 | 30 | S22 and infrared same gas same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON T | 2006/03/13 16:19 |
| S24 | 24 | S23 and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 16:19 |
| S25 | 197 | thermopile same detector and infrared and semiconductor and process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:28 |

| Cac | 3.4 | CDE and infrared assessment | HC DCDHC | OB | ON | 2000/02/42 46:42 |
|-----|-----|---|---|----|----|------------------|
| S26 | 34 | S25 and infrared same gas same (thermopile or detect\$3) and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 16:19 |
| S27 | 10 | S26 xor S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 16:19 |
| S28 | 10 | S27 and (process\$3 or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:10 |
| S29 | 10 | (US-20030139682-\$).did. or (US-6853452-\$ or US-6652468-\$ or US-6540690-\$ or US-5945924-\$ or US-5834777-\$ or US-5747808-\$ or US-5738106-\$ or US-5589689-\$ or US-5444249-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 16:20 |
| S30 | 10 | S29 and (process\$3 or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 16:20 |
| S31 | 9 | S30 and gas same (temperature or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:11 |
| S32 | 9 | S29 and gas same (temperature or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 17:11 |
| S33 | 197 | thermopile same detector and infrared and semiconductor and process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/13 22:15 |

| S34 | 198 | thermopile same detector and infrared and semiconductor and process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:32 |
|-----|-----|---|---|----|----|------------------|
| S35 | 64 | S34 and organic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:36 |
| S37 | 8 | S34 and organic same (filler or epoxy or encapsulant or adhesive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:43 |
| S38 | 61 | thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |
| S39 | 31 | S38 and infrared same gas same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |
| S40 | 25 | S39 and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |
| S41 | 198 | thermopile same detector and infrared and semiconductor and process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |
| S42 | 35 | S41 and infrared same gas same (thermopile or detect\$3) and process\$3 same (data or condition or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |

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|-----|----|--|---|------|----|------------------|
| S43 | 10 | S42 xor S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:38 |
| S44 | 0 | S43 and organic same (filler or epoxy or encapsulant or adhesive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/03/14 16:39 |
| S45 | 0 | S43 and organic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:40 |
| S46 | 7 | S40 and organic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:40 |
| S47 | 7 | (US-20050211555-\$ or US-20050214167-\$ or US-20030175160-\$ or US-20050153435-\$ or US-20050170521-\$ or US-20040058488-\$).did. or (US-6444474-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/14 16:40 |
| S49 | 7 | S47 and organic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:41 |
| S50 | 17 | organic same (filler or epoxy or encapsulant or adhesive or solvent) and thermopile same detector and infrared and semiconductor near3 process\$3 and (wavelength or spectrum or frequency) same (thermopile or detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/03/14 16:44 |
| S51 | 10 | (US-20030139682-\$).did. or (US-6853452-\$ or US-6652468-\$ or US-6540690-\$ or US-5945924-\$ or US-5834777-\$ or US-5747808-\$ or US-5738106-\$ or US-5589689-\$ or US-5444249-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/14 17:20 |

| S52 | 9 | S51 and gas same (temperature or parameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:20 |
|-----|--------|---|---|----|----|------------------|
| S53 | 7 | S51 and react\$4 | US-PGPUB; USPAT | OR | ON | 2006/03/14 17:21 |
| S54 | 182356 | "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:45 |
| S55 | 27066 | S54 and dry near3 etch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:46 |
| S56 | 2284 | S55 and organic same (layer or surface) and ("o.sub.2" or oxygen) same etch\$4 and conduct\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:48 |
| S57 | 938 | S56 and organic same conduct\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:50 |
| S58 | 4 | S57 and ole | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:49 |
| S59 | 47 | S57 and oled | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 17:49 |

| S60 | 47 | (US-20030071303-\$ or US-20040164296-\$ or US-20020104995-\$ or US-20030207500-\$ or US-20060003498-\$ or US-20050164434-\$ or US-20050164434-\$ or US-20050164434-\$ or US-20050181551-\$ or US-20030104659-\$ or US-2003003232468-\$ or US-2003003232468-\$ or US-20030082859-\$ or US-20030082859-\$ or US-200300224547-\$ or US-20050181526-\$ or US-200300224547-\$ or US-20040101988-\$ or US-20040101988-\$ or US-20040224486-\$ or US-2005002037-\$ or US-20050128828-\$ or US-20050128828-\$ or US-2005012881-\$).did. or (US-20010049197-\$ or US-20050019977-\$ or US-2004009627-\$).did. or (US-6719916-\$ or US-6946330-\$ or US-6872604-\$ or US-6984550-\$ or US-6872607-\$ or US-6881598-\$ or US-6841828-\$ or US-6872658-\$ or | US-PGPUB; USPAT | OR | ON | 2006/03/14 17:50 |
|-----|----|---|----------------------------------|----|----|------------------|
| S61 | 47 | US-6949468-\$ or US-6953705-\$). did. S60 and organic same conduct\$3 | US-PGPUB; USPAT; USOCR; | OR | ON | 2006/03/14 17:50 |
| | | | EPO; JPO; DERWENT; IBM_TDB | | | |